

IN THE CLAIMS:

1-28. (Canceled)

29. (Currently Amended) A content reproducing device for reproducing data stored on an optical disk having a reflective layer, the device comprising:

reading means for reading a cipher key and identification information unique to an optical disk having data recorded therein, the identification information and the cipher key recorded in the form of stripe patterns of the reflective layer extending along radii of the optical disk wherein [[a]] the reflective layer of the optical disk has been trimmed with a laser beam;

encoding means for encoding with the cipher key specific data;

communicating means for communicating certain information including the identification information and the encoded specific data to a server capable of selecting a decode key that corresponds to the identification information and with the selected decode key decoding the encoded specific data,

wherein the reading means is for reproducing the identification information recorded in an area overlapping a pre-pit region of the optical disk.

30.- 31. (Canceled)

32. (Previously Presented) The content reproducing device of claim 29, wherein the reading means is for reading the certain information comprising a connection address of a server.

33. – 35. (Canceled)

36. (Previously Presented) The content reproducing method of claim 42, additionally comprising certifying certain information comprising a connection address of a server.

37. (Canceled)

38. (Previously Presented) The content reproducing device of claim 29, wherein the specific data includes a credit card number of a user.

39. (Previously Presented) The content reproducing method of claim 42, further comprising:

    checking the accounting information; and

    certifying a possibility of the accounting to a user,

    wherein said reproducing of the data of the optical disk comprises reproducing the content data of the optical disk after checking of the accounting information and after certifying the possibility of the accounting to a user.

40. (Previously Presented) The content reproducing method of claim 42, wherein the accounting information includes a credit card number of a user.

41. (Currently Amended) A method of encoding and decoding data by a content reproducing device and a server using an optical disk comprising stripe patterns of a reflective layer extending along radii of the optical disk with identification information and a cipher key recorded therein by laser trimming a reflective layer within said stripe patterns, the method comprising:

a content reproducing device reading from such an optical disk a cipher key and identification information unique to the optical disk, wherein said reading comprises reading identification information that has been coded in an area overlapping a pre-pit region of the optical disk;

    said content reproducing device encoding, using the cipher key, specific data;

    said content reproducing device communicating at least the identification information and the encoded specific data to a server having therein at least one decode key that corresponds to the identification information of the disk;

    said server selecting a decode key that corresponds to said identification information of said optical disk, and decoding the encoded specific data using the selected decode key.

42. (Previously Presented) The content reproducing method of claim 41, wherein the specific data is accounting information associated with a user account.

43. (Previously Presented) The content reproducing device of claim 29, wherein the specific data is accounting information associated with a user account.